

ABSTRACT OF THE DISCLOSURE

[00161] A method for initializing modems in a multicarrier transmission system to establish a communication link between the transmitter and the receiver. An exemplary embodiment includes the steps of providing a predetermined parameter value that approximates a corresponding actual parameter value of the communication link, establishing a data communication link between a first transceiver and a second transceiver using the predetermined parameter value to allow the transmission of data, determining the actual parameter value, and seamlessly increasing the data rate of the established data communication link by using the determined actual parameter value to provide an steady state communication link with an updated data rate.